



Brainiacs Clubhouse 11433 Beaconsfield Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Brainiacs Clubhouse. 11433 Beaconsfield, Detroit, MI., on May 4th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Monique Snyder, Owner, on April 20th, 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



GS GROUP LLC
Green S.P.A.C.E.S Protect Our Earth

Results of the tests indicate that the water is above the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are above the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters
Field Scientist

Monica Starks, CIEC
Principal

Council-certified Indoor Environmental
Consultant Board-awarded by the
American Council for Accredited
Certification



Appendix 1, Lab Results, Chain of Custody

National Testing Laboratories, Ltd556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 354634****5/14/2016****Customer:** G. S. Group
Monica Starks
17800 Woodward Ave
#200
Detroit, MI 48203**Source:** Brainiacs -11433 Beaconsfield, DC-01-KC-01-P
Source City: Detroit
Source State: MI**Date/Time Received:** 5/10/2016 13:30**Collected by:** M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	0.001	1	5/4/2016 09:30		5/12/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



James Abston, Operations Manager

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(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 354635****5/14/2016****Customer:** G. S. Group
Monica Starks
17800 Woodward Ave
#200
Detroit, MI 48203**Source:** Brainiacs - 11433 Beaconsfield, DC-01-KC-01-F
Source City: Detroit
Source State: MI**Date/Time Received:** 5/10/2016 13:30**Collected by:** M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	0.015	1	5/4/2016 09:30		5/12/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
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(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 354636****5/14/2016****Customer:** G. S. Group
Monica Starks
17800 Woodward Ave
#200
Detroit, MI 48203**Source:** Brainiacs - 11433 Beaconsfield, DC-01-BBF-02-P
Source City: Detroit
Source State: MI**Date/Time Received:** 5/10/2016 13:30**Collected by:** M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	0.015	1	5/4/2016 09:30		5/12/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
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ANALYTICAL REPORTS**SAMPLE CODE: 354637****5/24/2016**

Customer: G. S. Group
Monica Starks
17800 Woodward Ave
#200
Detroit, MI 48203

Source: Brainiacs - 11433 Beaconsfield, DC-01-BBF-02-F
Source City: Detroit
Source State: MI

Date/Time Received: 5/10/2016 13:30**Collected by:** M. Eiters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

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"ND" This contaminant was not detected at or above our lower reporting limit (LRL)

"NA" Not Analyzed

"Standard" This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

"LRL" This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF" This column indicates the contaminant dilution factor.

Report Notes:

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	0.006	1	5/4/2016 09:30		5/12/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
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ANALYTICAL REPORTS

SAMPLE CODE: 354638

5/24/2016

Customer: G. S. Group
Monica Starks
17800 Woodward Ave
#200
Detroit, MI 48203

Source: Brainiacs - 11433 Beaconsfield, DC-01-GBF-03-P
Source City: Detroit
Source State: MI

Date/Time Received: 5/10/2016 13:30**Collected by:** M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

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"ND" This contaminant was not detected at or above our lower reporting limit (LRL)

"NA" Not Analyzed

"Standard" This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

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"DF" This column indicates the contaminant dilution factor.

Report Notes:

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	0.005	1	5/4/2016 09:30		5/12/2016

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Analyst	Tests
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ANALYTICAL REPORTS**SAMPLE CODE: 354639****5/24/2016**

Customer: G. S. Group
Monica Starks
17800 Woodward Ave
#200
Detroit, MI 48203

Source: Brainiacs - 11433 Beaconsfield, DC-01-GBF-03-F
Source City: Detroit
Source State: MI

Date/Time Received: 5/10/2016 13:30**Collected by:** M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

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"ND" This contaminant was not detected at or above our lower reporting limit (LRL)

"NA" Not Analyzed

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"LRL" This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF" This column indicates the contaminant dilution factor.

Report Notes:

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	0.002	1	5/4/2016 09:30		5/12/2016

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Analyst	Tests
EC	200.8



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